Becker® TRAFFIC STAR NAVIGATION

BECKER by HARMAN

Operating guide

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⚠Safety instructions

- **Operation of the unit is permitted only if traffic conditions are suitable and you are absolutely sure that you, your passengers or other motorists are not endangered, obstructed or inconvenienced.**
  In all cases, all applicable road traffic regulations must be obeyed. Destinations may only be entered when the vehicle is stationary.
- **The navigation system is only an aid. Errors may occur in individual data items/entries. At all times, the driver must decide whether or not to heed the information provided. We do not accept liability for erroneous data provided by the navigation system. Due to continual changes in traffic routing or deviations in the data, it may occur that imprecise or erroneous information is given. Therefore, actual road signs and traffic regulations must always be observed. In particular, the navigation system cannot be used as an orientation aid at times of poor visibility.**
- **The unit must only be used for its intended purpose. The volume of the navigation unit should be adjusted so that external noise is still clearly audible.**
- **Remove the unit immediately if a fault occurs (e.g. emission of smoke or odours).**
- **In the interest of safety, the unit must only be opened by a specialist. Please refer to your dealer for repair.**
- **Never open the unit (with the exception of the battery compartment) or the rechargeable battery. Any modification to the unit is also impermissible and renders the type approval invalid.**
- **Use only genuine Harman original accessories. This will ensure that all the relevant regulations are complied with and damage to health and property is avoided. Dispose of defective units and the rechargeable battery according to the applicable legal requirements.**
- **No warranty is granted in the case of improper use. These safety instructions also apply to genuine Harman original accessories.**

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Usage

The Becker® TRAFFIC STAR NAVIGATION is a high-performance navigation module for use in BMW MINI vehicles.
The unit and the accessories are to be protected against moisture and dirt.

With GPS = **G**lobal **P**ositioning **S**ystem you no longer have to waste time looking up road maps.
Your Becker® TRAFFIC STAR NAVIGATION is equipped with TMC. TMC gives you the option of receiving traffic announcements. You will then be informed of any traffic problems. The system plans an alternative route automatically or on request to avoid traffic problems, depending on the setting.

Unpacking the Becker® TRAFFIC STAR NAVIGATION

Note:

Your Becker® TRAFFIC STAR NAVIGATION is delivered in stable packaging. If the packaging or its contents exhibit serious damage, the unit must not be unpacked further. In this case, please contact your dealer.

Checking the delivery

Before starting up the Becker® TRAFFIC STAR NAVIGATION, the delivery contents must be checked to ensure they are complete and in good order.

→ Carefully unpack the packaging contents and check them.

Delivery contents

① Becker® TRAFFIC STAR NAVIGATION including battery
② Leaflet with installation instructions
③ USB cable

Complaints

Please check first on www.beckertrafficstar.com (FAQs, software updates) for possible solutions. If this should not lead to success, please contact your dealer.

Dealing with the packaging

The original packaging must be kept in a dry place at least for the warranty period.

Note:

It must be disposed of correctly in line with the national regulations. The packaging must not be burnt. The packaging can be handed over to the dealer, depending on the country where delivered.

Description of unit

The Becker® TRAFFIC STAR NAVIGATION consists of the basic Becker® TRAFFIC STAR NAVIGATION unit and the supplied accessories in the delivery contents.

Note:

The basic unit and the accessories must not be opened or modified in any way.

Battery

The integrated rechargeable battery is charged when the Becker® TRAFFIC STAR NAVIGATION is placed in the holder and the vehicle ignition is switched on.

Note:

When the Becker® TRAFFIC STAR NAVIGATION is connected to a PC, it is supplied with power via the PC and does not consume battery power.

USB connecting cable

You can connect the Becker® TRAFFIC STAR NAVIGATION to a standard personal computer having a USB interface using the USB connecting cable provided. The 8 GB flash memory of the Becker® TRAFFIC STAR NAVIGATION and any SD card can then be addressed via the PC like a removable storage medium.

Map update/Additional functions

The road network is constantly changing, but having a fresh map ensures you have the wealth of information you need to find your destination with ease.
It is also possible that in the course of further development of your device new functions will be available.
With the program described under “Content Manager Becker® TRAFFIC STAR NAVIGATION” on page 14 you can easily keep your Becker® TRAFFIC STAR NAVIGATION up to date.

Registration

You can register your product using our software service. We will then inform you of any new updates and other news.

You can register online on the Becker homepage www.beckertrafficstar.com.

Repairs

The unit must not be opened in the event of damage. Please contact your dealer.

Emissions and disposal

Information on emissions, electromagnetic compatibility and disposal can be found in “” on page 52.

Maintenance and care

The unit is maintenance-free.
For proper care, a commercially available cleansing fluid for electrical devices may be applied using a soft damp cloth.

⚠Danger!

Danger to life by electrocution.
Always switch off the unit and disconnect the mains power supply unit before cleaning the unit, supplied components or accessories.

Note:

Do not use any aggressive or abrasive substances or cloths which may damage the surface.
The unit must not be exposed to water.

Your unit was designed and manufactured with great care and should be treated with equal care. You will enjoy your unit for a long time to come if you observe the recommendations listed below:

- Protect your unit and the accessories from water and moisture. If your unit has been exposed to moisture, switch it off immediately and disconnect the power supply. Allow to dry at room temperature.
- Do not store and operate your unit in a dusty or dirty environment.
- Do not store your unit in hot environments. High temperatures can shorten the service life of electronic components in your unit, damage the rechargeable batteries and cause certain plastics to warp or melt.
- Do not store your unit in cold environments. During operation, when the unit warms up to operating temperature, moisture may form internally, causing damage to electronic components.
- Do not drop your unit, protect it from shocks and do not shake it. Improper handling can damage components within the unit.
- Never use corrosive or aggressive chemicals, cleaning solutions or aggressive detergents for cleaning.

All the above information applies equally to the unit, the rechargeable battery and all accessories. Should one of these parts not work properly, please contact your authorised dealer.

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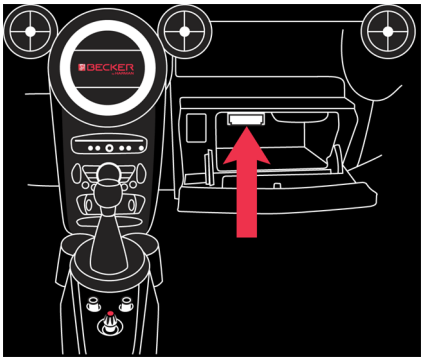
Battery quality declaration

The capacity of the rechargeable battery in your Becker® TRAFFIC STAR NAVIGATION decreases with every charging/discharging cycle. Improper storage at excessively high or low temperatures may also cause a gradual deterioration of capacity. Consequently, the operating time may be substantially reduced even in the case of a fully charged battery. The rechargeable battery is designed such that it should certainly still be possible for it to be charged and discharged after 6 months of operation of your unit.

Commissioning

Once the Becker® TRAFFIC STAR NAVIGATION has been unpacked and checked to ensure it is free of damage, the unit can be started up.
The battery is already deployed.

Insert the Becker® TRAFFIC STAR NAVIGATION in the vehicle's glove compartment as described under "Unit holder" on page 10.



Power supply

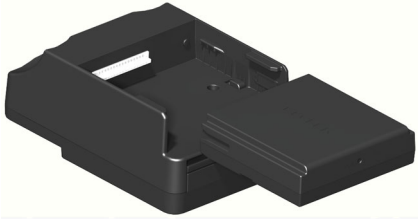
Your Becker® TRAFFIC STAR NAVIGATION has an integrated rechargeable battery. The battery is charged as soon as the Becker® TRAFFIC STAR NAVIGATION is placed in the holder and the vehicle ignition is switched on.

Note:

Note that if the battery is completely discharged, it may take up to a minute before the Becker® TRAFFIC STAR NAVIGATION can be activated again.

Unit holder

The Becker® TRAFFIC STAR NAVIGATION is inserted in the holder in the vehicle's glove compartment.



To remove the Becker® TRAFFIC STAR NAVIGATION from the holder, push the slide at the front of the holder.

Note:

The slide can be pulled out. When the slide is pulled out, the Becker® TRAFFIC STAR NAVIGATION cannot be unlocked. This can serve as an additional protection against theft.
To unlock the Becker® TRAFFIC STAR NAVIGATION the slide can only be inserted one way.

The Becker® TRAFFIC STAR NAVIGATION is released and ejected a little way. You can now remove the Becker® TRAFFIC STAR NAVIGATION from the holder.

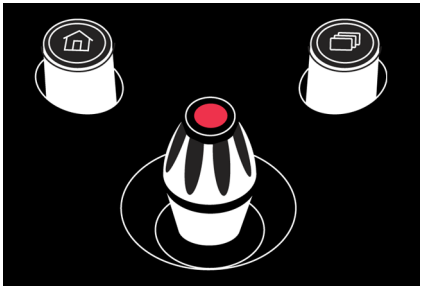
Memory card

Your Becker® TRAFFIC STAR NAVIGATION has a slot for an SD memory card. This slot is used for additional maps that can be purchased via the Becker Content Manager/Webshop

The card slot is located on the right side of the Becker® TRAFFIC STAR NAVIGATION. The card slot is equipped with a spring-actuated locking and ejector mechanism.

Basic operation

The Becker® TRAFFIC STAR NAVIGATION is operated using a number of the controls of the installed audio system.



Calling up navigation mode

→ Press the button near the MINI joystick.

Navigation mode is called up.

Note:

To exit the Navigation mode, press again the button near the MINI joystick.

Selecting/highlighting elements

To operate the Becker® TRAFFIC STAR NAVIGATION you must select or highlight menu items.

This is done using the MINI joystick of the installed audio system. Turn the MINI joystick to toggle between the various menu items. This operating manual describes the process of highlighting.

To select a menu item, you must first turn the MINI joystick to highlight the item and then press the MINI joystick.

Note:

The MINI joystick can also be moved in 4 different directions. This is dealt separately in the operating manual.

Back function

At all menu levels you can return to the previous menu level by pressing the button.

Note:

The is located to the left of the MINI joystick.

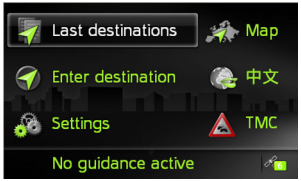
During route guidance (route guidance is active), pressing the button brings you back to the main menu.

Menu basics

During operation you are assisted by various menus and input windows.

Main menu

The top menu level is the main menu. You can start the various functions of your Becker® TRAFFIC STAR NAVIGATION from the main menu.



Information on the individual functions can be found in the following sections.
In addition to the individual functions, the main menu also contains further information and operating options.

By selecting you can switch the menu language and the language for the navigation announcement from English to Chinese or from Chinese to English.

The navigation satellites currently available are shown in the bottom right corner. If no valid location can be determined in spite of received satellites, the icon is displayed.

If route guidance is already active, the current destination address is displayed in the bottom line.

To cancel route guidance, push the MINI joystick downwards and then press MINI joystick.

Using the input menu

Some applications require input using the input menu.

Enter city or district in Shang Hai ...
ABCDEFGH JKLMNOPQRSTUVWXYZ
-1234567890
OK
Shang Hai Shi / Shang Hai Hong ...
20xxxx Shang Hai Shi / Shang Hai...
20xxxx Shang Hai Shi

The characters input using the input menu are displayed in the top line of text. The middle section is used for character entry. The bottom section can display a list of all cities corresponding to the letters entered so far when entering a city, for example.

Note:

The input menus that are not used for destination input are locked when your vehicle is travelling at a speed in excess of 5 km/h. If you are currently in such an input menu, a message indicating that the menu has been locked will be displayed. The menus are enabled again when the speed falls below 3 km/h.

Entering characters

Characters are input by selecting them with the MINI joystick.

Enter city or district in Shang Hai ...
ABCDEFGHJKLMNOPQRSTUVWXYZ
_-1234567890
OK
Shang Hai Shi / Shang Hai Hong ...
20xxxx Shang Hai Shi / Shang Hai...
20xxxx Shang Hai Shi

When a navigation destination is entered, the Becker® TRAFFIC STAR NAVIGATION compares the data with the stored data.

Only those letters that are still possible are available for selection.

If you have selected enough letters, a list automatically appears. Select the desired entry from the list using the MINI joystick.

Note:

Selecting the ← symbol deletes the last character entered.

A space is entered when the underscore character (_) is selected in the input menu.

Selecting from a list

Once a few letters of the desired selection have been entered, you can select your destination from the selection list.

→ In the input menu, push the MINI joystick downwards.

Shang Hai Hong Qiao Jing Ji Ji Shu...
Shang Hai Shi
Shang Hai Jin Qiao Chu Kou Jia Go...
20xxxx Shang Hai Shi
Shang Hai Shi
20xxxx Shang Hai Shi
Shang Hai Shi Qu
20xxxx Shang Hai Shi

→ Select the desired entry from the list using the MINI joystick.

The entry is accepted and the selection list is closed.

Malfunctions

Should there be a malfunction in the operating system or in the unit, they will be displayed accordingly.

You can even try to correct the malfunction:

→ Remove, as described under “Unit holder” on page 10, the Becker® TRAFFIC STAR NAVIGATION from the holder.

→ Wait a while and insert the Becker® TRAFFIC STAR NAVIGATION again.

or

→ Press (e.g. with a ballpoint pen) the reset button on the front of the inserted Becker® TRAFFIC STAR NAVIGATION.

The Becker® TRAFFIC STAR NAVIGATION then restarts.

If the messages recur or the unit does not work properly for other reasons, please contact your dealer.

Content Manager Becker® TRAFFIC STAR NAVIGATION

The Content Manager Becker® TRAFFIC STAR NAVIGATION is a PC based application containing a number of important functions to help you manage the content on your Becker® TRAFFIC STAR NAVIGATION.
With the Content Manager Becker® TRAFFIC STAR NAVIGATION you can:

- back up the content saved on the Becker® TRAFFIC STAR NAVIGATION to your PC and restore it later to your Becker® TRAFFIC STAR NAVIGATION,
- download current content from the Internet and install it on the Becker® TRAFFIC STAR NAVIGATION.

To use the Content Manager Becker® TRAFFIC STAR NAVIGATION, you will need the USB cable provided as well as a computer that meets the following minimum requirements:

- Operating system Microsoft Windows XP (SP2), Vista or Windows 7
- Microsoft Internet Explorer 7 or higher
- PC with USB 2.0
- fast internet connection with more than 2 Mbit/s
- at least 10 GB free storage space.

Installing the Content Manager Becker® TRAFFIC STAR NAVIGATION

You can install the Content Manager Becker® TRAFFIC STAR NAVIGATION on your computer with the following steps:

→ Connect the USB interface of the Becker® TRAFFIC STAR NAVIGATION directly to the USB port of the computer using the USB cable provided.

Note:

When you connect the Becker® TRAFFIC STAR NAVIGATION to the PC for the first time, the PC installs all the necessary drivers and then displays the message "Your unit is now ready to use".

After a short time, the Becker® TRAFFIC STAR NAVIGATION is displayed as a removable storage medium on the computer.

The installation should start automatically.

Note:

If the installation does not start automatically, start in the folder „Content Manager“ on the removable storage medium the file „Setup.exe“

→ Follow the instructions of the software.
The Content Manager Becker® TRAFFIC STAR NAVIGATION can be started immediately after installation.
This completes the installation procedure.

Starting the Content Manager

→ Connect the USB interface of the Becker® TRAFFIC STAR NAVIGATION directly to the USB port of the computer using the USB cable provided.

After a short time, the Becker® TRAFFIC STAR NAVIGATION is displayed as a removable storage medium on the computer.

→ Click on **Start** > **All Programs** on the computer.
→ Select **Content Manager**.
→ Click on **Content Manager**.

The Content Manager Becker® TRAFFIC STAR NAVIGATION is started.

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What is navigation?

The term “navigation” (lat. navigare = to travel by sea) is generally understood to mean the location of a vehicle, the determination of the direction and distance from the desired destination and the required route. Stars, prominent landmarks, compass and satellites etc. are used as navigation aids.

With the Becker® TRAFFIC STAR NAVIGATION, the location is determined by the GPS receiver. The Global Positioning System (GPS) was developed during the 1970s by the US military as a weapons guiding system.

GPS is based on a total of 24 satellites orbiting the Earth and emitting signals. A GPS receiver receives these signals and uses the signal times to calculate the distance to an individual satellite, and then determines your current geographical position.

Signals from at least three satellites are required to determine your position; your height above sea level can be calculated if signals are received from four or more satellites.

The Becker® TRAFFIC STAR NAVIGATION determines the direction and distance from the destination using a navigation computer and a digital street map held in its internal memory.

For safety reasons, route guidance **is given predominantly in spoken form.** This is supported by a direction indicator and a map display.

⚠ Safety instructions

- Road traffic regulations always take priority. The navigation system is only an aid. Errors may occur in individual data items/entries. At all times, the driver must decide whether or not to heed the information provided.
  We do not accept liability for erroneous data provided by the navigation system.
- When first put into use it can take up to 30 minutes to fix the position.
- Observation of traffic signs and local traffic regulations must always take priority.
- Traffic guidance is restricted to passenger vehicles. Special driving recommendations and regulations for other vehicles (e.g. commercial vehicles) are not included.
- Destinations may only be entered when the vehicle is stationary.

Last destinations

In the last destinations, the most recent destinations and stored destinations are displayed and can be selected directly.

→ Select **Last destinations** from the main menu.

If you have already entered your home address, you can start route guidance to your home address in the last destinations (**Home**).

The destination list containing the destinations most recently travelled to as well as stored destinations is displayed in the lines below this.

Note:

Up to 200 of the most recent destinations are automatically stored in the destination list. If the storage capacity is reached, the oldest destination is automatically deleted to make room for a new destination. However, important destinations can be protected.

Protected entries are identified by the symbol.

If you select your home address and it has not yet been defined, you will be requested to enter the address.

Using last destinations

Starting with existing destination

The destinations available in the last destinations are included in the destination list.

→ Select the desired entry from the list using the MINI joystick to start route calculation.

The calculation begins.

When the calculation is complete, the map appears and the route guidance begins.

Displaying or editing a destination

Any destination stored in the last destinations can be displayed and edited.

→ Highlight the desired entry using the MINI joystick.

→ Push the MINI joystick to the right.

Option	Meaning
Show details	The data for the destination is displayed. From this screen you can display the destination on the map, display the route or start the route guidance.
Name entry	The destination can be renamed. If the destination is given a name it is automatically protected.
Protect entry	The destination is protected against automatic deletion. This function is only available in the case of unprotected destinations.
Remove protection	Protection of the destination is disabled. This function is only available for protected destinations.
Move up / **Move down**	The destination is moved forward/back by one position. If the destination is moved it is automatically protected.
Delete entry	The destination is deleted from the last destinations.
Delete all	All destinations and your home address are deleted from the list.

Home address

When you select **Home** with the MINI joystick you will be asked to enter an address if no home address has yet been entered.

→ Select **Yes** to enter the address.

You can then enter a destination as described under "Destination input" on page 19.

Note:

The menu items **Set current position** and **Select from last destinations** can also be used to select a destination.

Destination input

You can enter a destination in a number of ways.

→ Select **Enter destination** from the main menu.

The destination input menu will appear.

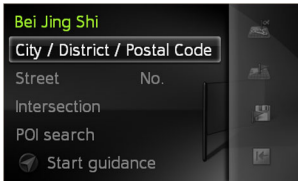
Structure of the destination input menu

- **Enter address**
  The various steps from selecting an address to starting route guidance can be carried out using **Enter address**.
  See “Entering an address” on page 19.
- **Enter point of interest**
  Points of interest such as airports and ferry ports, restaurants, hotels, petrol stations or public buildings can be selected and route guidance started using **Enter point of interest**.
  See “Points of interest” on page 24.
- **Select on map**
  With **Select on map**, you can select a destination directly on the map and start route guidance.
  See “Selecting a destination from the map” on page 26.
- **Route planning**
  A route with several stopovers can be planned using **Route planning**.
  See “Route planning” on page 27.

Entering an address

→ Select **Enter address** from the destination input menu.

The menu for entering addresses appears. The last address entered is already entered automatically.



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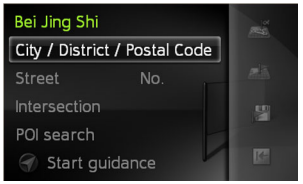
Selecting a province

Note:

If a province of destination has already been entered it will remain until you select a different province.



→ Select the entry containing the province of destination.
→ Select the first letters of the destination province.
The selection list will appear.
→ Select the desired province.

Selecting an address and starting route guidance

The following settings can be made in the address input menu:

- City
- District
- Postal code
- Street and house number
- Intersections as an orientation aid

It is also possible to:

- start the route guidance straight away.
- search for a point of interest near to the address entered (**POI search**). This can be entered as described under "POI near address" on page 25.
- save the destination with name in the last destinations.
- show the route on the map.

Selecting a city

The destination city can be specified by entering the name or postal code.
When you select the letters of a city, the Becker® TRAFFIC STAR NAVIGATION displays suggestions. If you do not wish to accept the suggestion simply select the subsequent letters of the desired city.
The Becker® TRAFFIC STAR NAVIGATION excludes all impossible letter combinations and postal codes and activates only those letters and numbers that could give the name of an existing city or postal code.

Enter city or district in Bei Jing Shi
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z
_ - 1 2 3 4 5 6 7 8 9 0
OK
10xxxx Bei Jing Shi / Bei Jing Jing...
10xxxx Bei Jing Shi
10xxxx Bei Jing Shi / Bei Jing Shi ...

→ Select the letters of the destination city or the numbers of the postal code consecutively.
When sufficient letters have been entered it will automatically switch to a list from which you can select the city. However, you can switch to the list before this by pushing the MINI joystick backwards. You can then select the city from the list.

Selecting the street

In the **Street** menu field the street and house number can be entered separately.

The Becker® TRAFFIC STAR NAVIGATION excludes all impossible letter combinations and activates only those letters that could give an existing street name.

A house number can only be chosen once the street has been selected and if house numbers are included in the data.

→ Select the letters of the destination street consecutively.

When sufficient letters have been selected it will automatically switch to a list from which you can select the street. However, you can switch to the list before this by pushing the MINI joystick backwards. You can then select the street from the list.

Selecting the intersection

After entering the destination city and street, you can enter an intersection so as to further limit the choice.

Note:

Instead of entering an intersection, you can also enter a house number. However, it is not possible to enter both at the same time.

→ Select **Intersection**.

The input menu for the name of the intersection will appear.

→ Select the letters of the intersection consecutively.

Once a few letters of the desired street have been entered a list will automatically be displayed.

However, you can switch to the list before this by pushing the MINI joystick backwards. You can then select the intersection from the list.

Selecting a house number

After entering the destination city and street, you can enter a house number so as to further limit the choice.

Note:

Instead of entering the house number, you can also enter an intersection. However, it is not possible to enter both at the same time.

→ Select **No.**

The input menu for the house number will appear.

→ Enter the house number.

→ Select from the automatically displayed list the desired house number.

Displaying the route

Once the address has been entered, the address input menu allows the route to the destination to be displayed on the map.

→ Push the MINI joystick to the right.

→ Select **Show route** to display the route on the map.

The route is calculated.

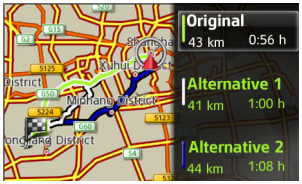
You can start the route guidance directly from this screen by selecting **Start**.

The other options on this screen are described under “Displaying the entire route” on page 37.

In addition to these described functions, you can also display alternative routes.

→ Select **Options** und then select **Alternative routes**.

After a short time, the alternative routes will be displayed.



The area on the right-hand side shows the colour key for the individual routes, the mileage for each route and the estimated driving time.

→ Select the desired route.

The desired route is calculated and the route guidance will begin.

Showing the destination on the map

→ In the address input menu, push the MINI joystick to the right.

→ Select **On map**.

The map display is opened and the destination is displayed.

Storing a destination

→ In the address input menu, push the MINI joystick to the right.

→ Select **Save**.

→ Enter the desired name.

The destination is transferred to the last destinations and protected.

Starting route guidance

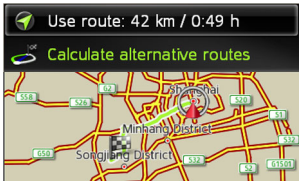
→ In the address input menu, select **Start guidance** to start route guidance.

All data entered thus far is processed when calculating the route.

Note:

The symbols above the address refer to restrictions that you may have activated (e.g. unpaved roads, toll roads).

Is so far no active route guidance and the function for automatic alternative route selection is enabled (See “Route options” on page 43.), you have in the following menu the option to calculate alternative routes.



→ Select **Calculate alternative routes** for the alternative route calculation. Then select one of the displayed routes.

or

→ Select **Use route:** to apply the displayed route.

The map will then be displayed and the route guidance will begin.

If the route guidance is already running, you have no option to select alternative routes. You will be asked whether the new destination should replace the old destination or if the new destination should be regarded as a stopover.

→ Select **Add as stopover** or **Replace old destination**.

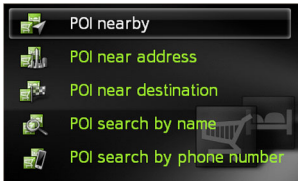
If the route guidance is already running and a stopover has already been entered you will be asked whether the new destination should replace the old destination or the stopover.

→ Select **Replace stopover** or **Replace old destination**.

Points of interest

Points of interest (POI for short) include airports and ferry ports, restaurants, hotels, petrol stations, public buildings. You can use points of interests as navigation destinations.

→ Select **Enter point of interest** from the destination input menu.



The POI menu appears.
You can choose between

- a point of interest nearby,
- a point of interest near an address,
- a point of interest near a destination, or
- entering a point of interest directly,
- searching a point of interest by a phone number.

POI nearby/POI near destination

→ In the POI menu, select **POI nearby** for a POI nearby.

or

→ In the POI menu, select **POI near destination** for a POI near the destination.

→ Select one of the available categories.

Note:

You can also select **Search all categories:** An input menu will then open and you can enter the name of a point of interest directly and confirm it.

For some categories, e.g. petrol stations, a further selection menu is displayed in which you can narrow down the choice further, e.g. by brand.

If you have selected the category, any points of interest belonging to relevant category and available within the area in question will now be displayed.

800 m, Cheng Du Lu You Qi ...
Cheng Du Bei Lu 188, Shang H...
1.0 km, Ren Min Lu Jia You ...
Ren Min Lu 888, Shang Hai Shi...
1.0 km, Da Tian Jia You Zhan
Da Tian Lu 180, Shang Hai Shi...
1.7 km, Shang Hai Zhong Y...
Zhe Jiang Bei Lu 218, Shang H...

The name, distance as the crow flies and the address is displayed for each entry.

→ Select the desired point of interest.

You will now receive additional information about your chosen destination.

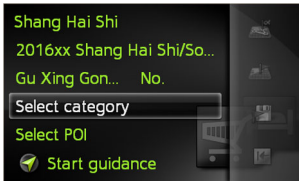
Note:

Push the MINI joystick to the right for further control options.

→ Select **Start guidance** to begin route guidance to the point of interest straight away.

POI near address

→ In the POI menu, select **POI near address**.



→ Select the desired province.

→ Enter the city and, if necessary, the street in which you wish to search for a point of interest.

Note:

If you have already entered an address, this address will appear by default.

→ Press the **Select category** button.

Note:

You can also select **Select POI**. An input menu will then open and you can enter the name of a point of interest directly and confirm it.

The points of interest categories available for the entered city are displayed.

→ Select the desired point of interest as described under "POI nearby/POI near destination" on page 24.

Entering a POI directly

→ In the POI menu, select **POI search by name**.

→ Enter the desired point of interest or part of the name.

→ To confirm the previous input, select OK or press and hold the MINI joystick.

The Becker® TRAFFIC STAR NAVIGATION displays in a list all the points of interest corresponding to the name entered.

Note:

The search radius is limited to 45 kilometres around your current position.
A maximum of 50 points of interest are displayed.

→ Select the desired destination from the list.

→ Select **Start guidance** to begin route guidance to the point of interest straight away.

Entering a POI by phone number search

→ In the POI menu, select **POI search by phone number**.

→ Enter the phone number (or a part of the number) of the desired point of interest.
→ To confirm the previous input, select OK or press and hold the MINI joystick.

→ The Becker® TRAFFIC STAR NAVIGATION displays in a list all the points of interest corresponding to the number entered.

Note:

The search radius is limited to 45 kilometres around your current position.
A maximum of 50 points of interest are displayed.

→ Select the desired destination from the list.
→ Select **Start guidance** to begin route guidance to the point of interest straight away.

Selecting a destination from the map

You can select a destination straight from the map.
→ Select **Select on map** from the destination input menu.
The map display appears.

→ Search for the desired position.

Note:

Turn the MINI joystick to change the scale of the map display.
Push the MINI joystick to move the displayed cursor to the desired position.

→ Press the MINI joystick.

Depending on the position of the cross-hair pointer, a list of potential destinations, an address or geocoordinates is displayed. When TMC message symbol appears in the cross-hair pointer, it is also displayed in the list. By selecting it in the list, you can pull up the message details.
→ Select the desired entry from the list.

Note:

Push the MINI joystick to the right for further control options.

→ Select **Start guidance** to begin route guidance to the destination straight away.

Route planning

The route planning menu allows you to create and select individual routes. To do this, enter the individual destination points for the desired route. It is then possible to travel to these points consecutively without having to enter any further information. You can also optimise the destination points entered and in so doing change their order.

→ Select **Route planning** from the destination input menu.

This displays the route menu.

In the route menu you can create a new route by selecting **Create new route**. Previously stored routes are shown in a list below this.

Note:

If no routes have yet been stored, the route menu is empty.

Editing stored routes

You can change the name of a stored route or delete it.

→ Highlight the route you wish to edit.

→ Push the MINI joystick to the right.

By selecting **Rename route** you can give the route a new name.

By selecting **Delete route** you can delete the route from the stored routes.

Selecting and starting a route

→ Select the required route from the route menu.

The route is loaded and displayed in the stage menu.

→ Select **Calculate**.

Note:

You can also select a stage in the route here. The route is then started from this stage.

→ Select the start point or your current position as the start point for route guidance.

Note:

When a start point is selected, this is only used for the purposes of displaying a route.

The individual stages are calculated.

A map of the stages will then be displayed.

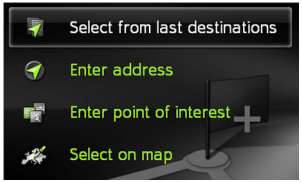
The total distance and estimated total journey time are displayed on the left-hand side.

→ Select **Start** to start route guidance or select one of the functions described below.

- **Route list**
  Displays a list of the individual stages.
- **Options**
  Calls up further options. You can then simulate the route, optimise the route (order of the destinations to be travelled to) and call up the route options.
- ◄ and ►
  Scrolls through the individual stages in the route.

Creating a new route

→ Select **Create new route** from the route menu.



You can now enter a stage destination as described under “Destination input” on page 19. You also have the option of selecting a destination in the last destinations using **Select from last destinations**.

→ Select **Add stage** to enter further stage destinations as described above.
→ When you have entered all stage destinations, select **Save route**. Assign the route a name.

Editing a route

→ Select the route you wish to edit.
→ Highlight the stage that you wish to edit.
→ Push the MINI joystick to the right.
The edit menu will be displayed. The following options are available:

Option	Meaning
Start guidance	Start route guidance from the selected stage.
Show details	The data relating to the stage destination is displayed.
Move up / **Move down**	The stage is moved forwards/backwards by one position.
Replace stage	You can replace the selected stage with another stage destination.
Delete stage	The stage is deleted from the route.

Traffic announcements using TMC

Note:

To use the TMC functionality of the Becker® TRAFFIC STAR NAVIGATION you have to buy with the Becker Content Manager a licence in the webshop.

Your Becker® TRAFFIC STAR NAVIGATION can receive traffic announcements (TMC messages) from radio stations.

Traffic announcements are transmitted by radio stations via the TMC (Traffic Message Channel) in addition to the radio programme and are received and analysed by the navigation system. Receiving traffic announcements is free of charge.

Note:

As the traffic announcements are transmitted by radio stations, we cannot assume responsibility for the completeness or accuracy of the announcements.

The Becker® TRAFFIC STAR NAVIGATION constantly checks whether there are any relevant announcements for the route that has been set.

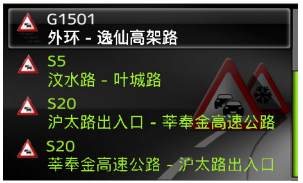
If the continuous checks determine that a traffic announcement is relevant to route guidance, the unit can automatically recalculate a new route to the destination (See “TMC settings” on page 47.).

Displaying TMC messages

Once you have connected the Becker® TRAFFIC STAR NAVIGATION to the unit holder, your Becker® TRAFFIC STAR NAVIGATION will receive up-to-date traffic announcements and dynamic route calculation will be enabled (traffic jam diversion). You can also view traffic announcements directly.

Settings for TMC can be made as described under “TMC settings” on page 47.

→ Select **TMC** from the main menu.



The message list appears.

Reading a message

→ Select the desired message in the message list.

The message display appears.

Note:

If the entire message does not fit in the display area, you can select **More...** to display the rest of the message.

→ Select (1) to scroll through the received messages.

By selecting **Detour** you can specify whether or not a message is to be taken into account in the route calculation.

Displaying the relevant road in the map

→ Select **On map** in the message display.

The relevant road can be seen in the map.

Note:

In the map display, sections of your route with obstacles in the trip direction are displayed in purple. Sections not on your route with obstacles are displayed in light blue.

By selecting **Text view** you can return to the message display.

By selecting (1) you can scroll through all the messages in the message list and show them on the map.

By selecting **Detour** you can specify whether or not a message is to be taken into account in the route calculation.

You can zoom the map view. Push the MINI joystick down. You can now zoom the map by turning the MINI joystick. Pressing the button will leave the zoomed map.

Taking announcements into consideration when calculating routes

Your Becker® TRAFFIC STAR NAVIGATION can take traffic announcements into consideration when calculating a route. You have the option of setting this function to automatic, manual or never under “TMC settings” on page 47.

Automatic recalculation

If your route is affected by a traffic problem, the Becker® TRAFFIC STAR NAVIGATION checks whether a diversion to bypass the problem is feasible. If a diversion is feasible, a detour is calculated and you are guided via the detour.

Manual recalculation

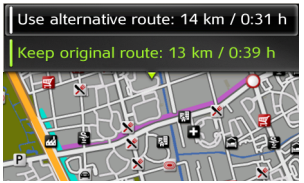
If a traffic announcement affects your route, a window with detailed information on the traffic announcement appears. By selecting **Detour** you can specify whether or not the message is to be taken into account in the route calculation.

Note:

A detour is not generally calculated when you select **Detour**. This is only done when it is feasible in terms of time savings and the route to be driven.

You can change your chosen setting at any time in the message list.

If after the selection of **Detour** the Becker® TRAFFIC STAR NAVIGATION determines that an expedient alternative route is possible, the following display appears.



The display provides you with an overview of the alternative route calculated.
The red route or route marked purple for an obstruction shows the previous route.
The route marked green displays the alternative route calculated.
In the upper section of the display, you can see for the previous route and the alternative route the distance to be travelled and the estimated journey time.
→ Select the desired route.

The map display

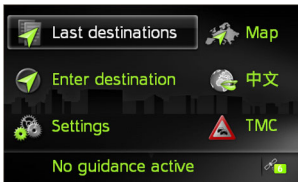
The map display is used primarily for route guidance. However, you can also use the map display without route guidance to show your current position and, for example, to receive warnings about exceeding the speed limit.

Note:

The map display can show signs (e.g. speed limits). Please note that this is additional information in the map data.
The reality may differ from those signs.
The traffic situation and the local road signs take precedence over the navigation system information.

Calling up the map display

The map display is called up automatically when you start route guidance.
Without route guidance, you can call up the map display from the main menu or by a longpress on the button in several base menus.

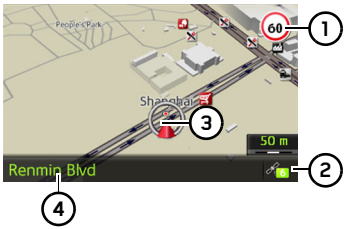


→ Select **Map** from the main menu.
The map display will then appear and, if GPS reception is available, will show your current position.
If route guidance is already active, the map will be displayed with route guidance.

Structure of the map display

The structure depends on the settings made in "Map display" on page 40 and whether route guidance is active or not.

Map display without route guidance



If the navigation is not active, almost the whole area of the display will be taken up by the map.

1. Speed limit on the road currently being driven on (display not available for all roads), signs for the driver alerts will also be displayed
2. Number of satellites currently being received
3. Vehicle position
4. Current road

Map display with route guidance

Note:

The information in the left area is only displayed when action must be taken. Otherwise the destination arrival time - and stopover arrival time, if applicable - is displayed in the lower left area.

1. Road signs, which you should follow
2. Speed limit on the road currently being driven on (display not available for all roads)
3. Driver alerts
4. Number of satellites currently being received
5. Display of TMC status
6. Vehicle position

(7) Current road
or
Traffic lane recommendation (only appears on some multi-lane roads; green arrows = recommended lanes)

Note:

Following the traffic lane recommendations allows you to perform the next driving manoeuvre without changing lanes.

(8) Distance to next driving manoeuvre
(9) Next driving manoeuvre
(10) Estimated time of arrival, remaining journey time and remaining distance to destination

Your current position is displayed on the map via the position icon.

Information is also displayed on the left in the preview area.

The next manoeuvre is displayed as an arrow, with the distance to the next manoeuvre point indicated underneath it. If two driving manoeuvres are to be performed in succession within a short time, another smaller arrow indicating the second driving manoeuvre is displayed above the first arrow.

Information on the TMC status is displayed in the bottom line. There are three possible TMC statuses:

If the first icon is displayed, TMC is operating correctly.
If the second icon is displayed, there is a hold-up on the route.
If the third icon is displayed, TMC reception is disrupted and no TMC messages can be received.

Split screen with route guidance

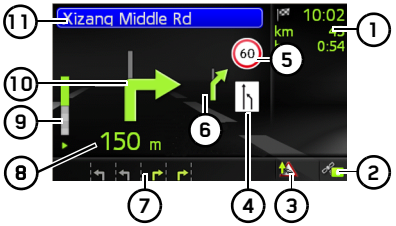
(1) Road signs, which you should follow
(2) Speed limit on the road currently being driven on (display not available for all roads)
(3) Driver alerts
(4) Number of satellites currently being received
(5) Display of TMC status
(6) Vehicle position
(7) Current road
or
Traffic lane recommendation (only appears on some multi-lane roads; green arrows = recommended lanes)

Note:

Following the traffic lane recommendations allows you to perform the next driving manoeuvre without changing lanes.

(8) Distance to next driving manoeuvre
(9) Progress bar to illustrate the distance to the next driving manoeuvre
(10) Next driving manoeuvre
(11) Estimated time of arrival, remaining journey time and remaining distance to destination

Route guidance with arrow display



(1) Estimated time of arrival, remaining journey time and remaining distance to destination
(2) Number of satellites currently being received
(3) Display of TMC status
(4) Driver alerts
(5) Speed limit on the road currently being driven on (display not available for all roads)
(6) Next driving manoeuvre but one
(7) Current road
or
Traffic lane recommendation (only appears on some multi-lane roads; green arrows = recommended lanes)

Note:

Following the traffic lane recommendations allows you to perform the next driving manoeuvre without changing lanes.

(8) Distance to next driving manoeuvre
(9) Progress bar to illustrate the distance to the next driving manoeuvre
(10) Next driving manoeuvre
(11) Road signs, which you should follow

Using the map display

Map zooming

If the Autozoom function is enabled as described under “Map display” on page 40 or “Autozoom” on page 45, the map is enlarged or reduced according to these settings.
However, you can also enlarge or reduce the map at any time during route guidance by turning the MINI joystick. The Autozoom function is then disabled until the next maneuver is reached or for the duration of 60 seconds.

In the bottom right corner of the map, the current map scale is displayed.

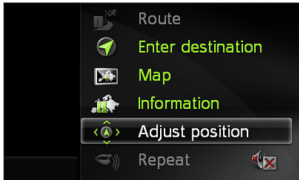
Map toolbox

Using the map toolbox you can change the settings for route guidance, for the map display mode and for the route.

→ In the map display, press the MINI joystick.

With an active route guidance, the following version of the toolbox is displayed.

If there is no active route guidance, the following version of the toolbox is displayed.



With **Enter destination** you can select the destination input. With no active route guidance, the entries **Route** and **Repeat** are not available.

Route

Note:

The following functions are only available when route guidance is active.

→ Select **Route** in the map toolbox.

The route menu appears.

Entering/deleting a stopover

With this function, you can enter a stopover or delete an entered stopover.

→ In the route menu, select **Add stopover**.

You can now enter a destination as a stopover as described in "Destination input" on page 19. You also have the option of selecting a destination in the last destinations using **Select from last destinations**. Once you have entered the desired stopover, the route is recalculated.

The entered stopover is marked on the map as a green flag.

Deleting a stopover

→ In the route menu, select **Delete stopover**.

The stopover is deleted. The system performs a route recalculation.

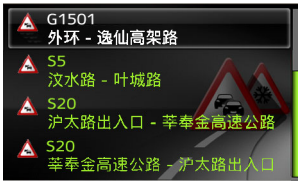
TMC on the route

You can view and edit TMC messages located on your route.

Note:

The TMC messages that have led to a change in the route are also displayed.

→ In the Route menu, select **TMC on route**.



The TMC messages located on your route are displayed.
Once you have selected a message you can decide e.g. whether or not to divert around the hold-up. Please also refer to the description in "Traffic announcements using TMC" on page 29.

Note:

Did you set the automatic consideration under "TMC settings" on page 47, you can not influence whether you will be directed around the the hold-up.

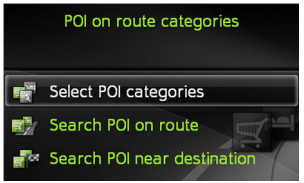
Point of interest on the route

During route guidance, you can display the points of interest located on the route. You can specify which categories of points of interest should be displayed, and you can also choose whether to display only the nearest POIs, all the POIs on the entire route, or only POIs near the destination.
→ In the Route menu, select **POI on route**.

The nearest points of interest for the three selected categories are displayed.
The distance indicated shows the distance to the point of interest. The points of interest are displayed on the map on the left-hand side.
After selecting one of the points of interests you can start route guidance to it.

Setting categories

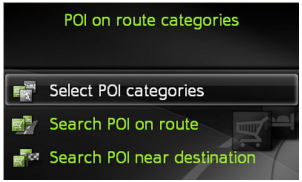
→ Select **More...**.



→ Select **Select POI categories**.
→ Then select the desired categories.

Point of interest near destination/on complete route

→ Select **More...**.



→ Select **Search POI on route**.

or

→ Select **Search POI near destination**.

→ Select the desired category.

→ Then select the desired point of interest.

→ Start navigation to the selected point of interest.

Setting route options

You can modify the route options (route selection etc.) during route guidance.

→ In the route guidance menu, select **Route options**.

→ Set the route options as described under "Route options" on page 43.

After a change, the route is recalculated.

Displaying the entire route

You can display the entire route to the destination on the map. You also have the option of displaying the complete directions and blocking particular sections/roads of the route permanently. As a further option you can display the various routes that you can set in the route options and also select them if you wish.

→ In the My Route menu, select **Show route**.

The entire route is displayed.

On the left-hand side you can see the distance to be travelled and estimated journey time. The destination address appears at the bottom of the display.

Select **Resume** to continue route guidance.

Displaying the route list

You can display the route in a list.

→ With the entire route displayed, select **Route list**.

The route list is displayed.

Setting route options

You can set the route options.

→ With the entire route displayed, select **Options**.

→ Select **Route options**.

→ Set the route options as described under "Route options" on page 43.

After a change, the route is recalculated.

Simulating a route

You can also start a simulation of the route.

→ With the entire route displayed, select **Options**.

→ Select **Simulation**.

The route is simulated at four times the normal speed.

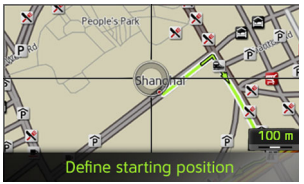
Blocking a route

You can block a stretch of road ahead. This determines a certain stretch of road that should not be used. The Becker® TRAFFIC STAR NAVIGATION then attempts to calculate a diversion.

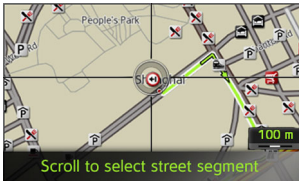
Note:

- Destination navigation is stopped during section selection.
- The maximum length of a section is 31 mi. (50 km)
- During the section selection, you can go back to the current point by pressing the ⌂ button.

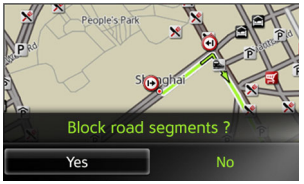
→ In the route menu, select **Block ahead**.



→ By turning the MINI joystick you can select the starting point of the block.
→ Press the MINI joystick to confirm the starting point.



→ By turning the MINI joystick you can now select the end point of the block.
→ Press the MINI joystick to confirm the end point.



→ Select **Yes** to activate the block.
The block is activated and the new route is calculated.

Delete section block
You can remove a previously entered block.
→ In the route menu, select **Clear blockings**.
The block is deleted and the new route is calculated. The system performs a route recalculation.

Skipping a destination
If a planned route with a number of destinations is active, you can delete the current destination of the route. Route guidance to the next destination will then be initiated.
This might be necessary if, for example, a destination was not driven to directly. Otherwise the Becker® TRAFFIC STAR NAVIGATION will attempt to guide you to the current destination.
→ In the route guidance menu, select **Next destination**.
Route guidance to the next destination will be initiated.

Display destination list
If a planned route with several destinations is active, you can view and modify the planned route.
→ In the route menu, select **Itinerary**.
A map with the stages of the route is displayed.

In the left area, the total number of miles/kilometres and the expected trip time is displayed.
→ Select **Resume** to continue with the destination navigation or select one of the following described functions. You will see a detailed description of individual functions under “Route planning” on page 27.

- **Route list**
  Displays a list of the individual stages.
- **Options**
  Displays additional options. You can simulate and optimise (order of destinations) the route as well as pull up additional route options.
- ◄ and ► pages through the individual route stages.

Cancelling route guidance

You can cancel active route guidance.

→ In the route guidance menu, select **Stop guidance**.

This cancels route guidance to all destinations.

Note:

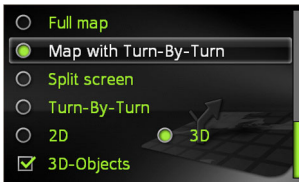
You can also cancel route guidance as described in „Main menu“ on page 12.

Map display

You can select whether the map is to be displayed in 3D or 2D mode, in a split screen with 3D or 2D display or in arrow mode.

In addition, you can adjust in 3D mode the viewing angle of the map and specify whether or not 3D models of buildings and 3D landmarks should be displayed.

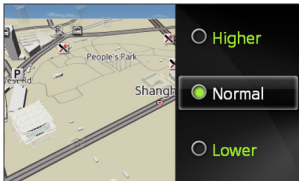
→ Select **Map** in the map toolbox.



→ Select with **Full map**, **Map with Turn-By-Turn**, **Split screen** or **Turn-By-Turn** the basic display.

→ Select with **2D** or **3D** the mode of the map display.

→ For 3D mode, select whether or not 3D places of interest available should be displayed (yes ☑ or no ☐) with **3D-Landmarks**. The display of the models of buildings is switched on and off simultaneously.
→ For 2D mode, select whether the map should always be orientated to the direction of travel (☑) or to the north (☐) with **Heading up**.
→ Switch Autozoom on ☑ or off ☐ with **Autozoom**.
→ For 3D mode, select **Map tilt angle** to set the viewing angle of the map.



→ Select between the viewing angles **Higher**, **Normal** and **Lower**.
→ Save and close your settings by pressing the ⌂ button.

Position display

You can display your current position and store this position. You can also display information concerning the current GPS reception and the current country.

→ Select **Information** in the map toolbox.

The current position is displayed. If possible, an address is displayed.
If route guidance is active, the destination address and any stopover addresses are also displayed.

Push the MINI joystick to the right for further control options.

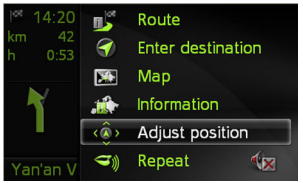
By selecting **Save** you can store your current position in the last destinations.

By selecting **GPS-Info** you can view information regarding the GPS reception.

You can see how many satellites are being received, and whether the satellite reception is good enough for navigation. The current time is also displayed.

Adjust position

In case of the use of an elevated road you can select the elvated or the surface road. Elevated and surface road are displayed on the map in parallel. If the actual position is not appropriate, e.g. while the position icon is positioned on a surface road and actually an elevated road is used you can select the correct position.



→ Select **Adjust position** in the map toolbox to set the correct position.

The position icon is adjusted and the route is recalculated, if necessary.

Repeating an announcement

When route guidance is active, you can request a current announcement or repeat the last announcement.

→ Select **Repeat** in the map toolbox.

Muting announcements

You can mute the navigation system announcements.

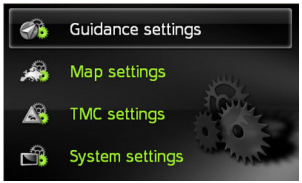
→ In the map toolbox, select the icon.

The navigation system announcements have now been muted. In the lower area of the map display, the corresponding icon is displayed, indicating that announcements have been muted.

→ In the map toolbox, select the icon to unmute the announcements.

→ ZH
→ EN

To call up the settings, select **Settings** from the main menu.



The Settings menu appears.
You can now select from the following settings:

- **Guidance settings**
  Settings relating to the route guidance
- **Map settings**
  Settings relating to the map display
- **TMC settings**
  Settings relating to the receiving of TMC messages
- **System settings**
  Basic settings relating to the Becker® TRAFFIC STAR NAVIGATION

Route guidance settings

The route guidance settings contain the settings that are relevant to route guidance.

→ In the settings menu, select **Guidance settings**.

The route guidance settings are displayed.

Route options

You can set your driving profile. The settings made here have an effect on the route selection and on the calculation of the estimated journey times.

→ Select **Route options** in the route guidance settings.

→ With (1) select your mode of travel (**Unhurried**, **Normal** and **Sporting**).

This setting influences the calculation of your estimated time of arrival.

→ With (2) select one of the following options.

Option	Meaning
Economical	With this option, the most economical route in terms of travel time and mileage is calculated taking into consideration further parameters such as gradients, for example.
Fast	With this option, the fastest route in terms of travel time is calculated.

Option	Meaning
Short	With this option, the shortest route in terms of mileage is calculated.

→ Select (3) to exclude various types of road (e.g. motorways, ferries and toll roads) from the route calculation.

You can now select either **Allow** und **Avoid** for each type of road.

Note:

For motorways the selection **Prefer** is also available.

→ Select (4) whether you would like to be offered alternative route calculations when the route is calculated (**On**).
→ Save and close your settings by pressing the ⌂ button.

Reality view

When this function is enabled, you will see realistic views (if available) of the current lane situation, at many motorway intersections and motorway exits.
→ Select **Reality view** in the route guidance settings.
→ Switch the function on ☑ or off ☐.

Signposts

When this function is enabled, you will receive information (if available) at motorway intersections and other roads regarding the road signs which you should follow.
→ Select **Signposts** in the route guidance settings.
→ Switch the function on ☑ or off ☐.

Lane recommendations

When this function is enabled, you are instructed as to which lane you should move into in the case of multi-lane roads.
→ Select **Lane recommendations** in the route guidance settings.
→ Switch the function on ☑ or off ☐.

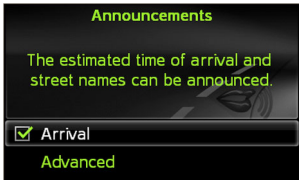
Announcements

You can select whether street names are announced, short or detailed turn-off information is provided, or whether updated arrival times are announced.

Note:

This function is not available for all languages/announcers. If the function is not available, it cannot be selected.

→ In the destination navigation settings, select **Announcements**.



→ Select **Arrival** to turn the updated arrival time announcement on ☑ or off ☐.
→ Select **Advanced** to set more preferences.

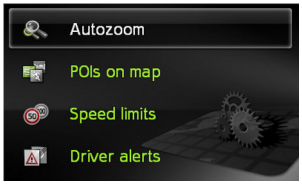
→ Select **Street names** to turn street name announcements on ☑ or off ☐.

→ Select between **All manoeuvre information** and **Short manoeuvre information** in order to set the level of detail for turn-off information.

Map settings

The map settings contain the settings that are relevant to the map display.

→ In the settings menu, select **Map settings**.

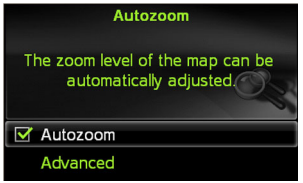


The map settings are displayed.

Autozoom

You can select how the map changes when approaching an action point or at different speed.

→ Select **Autozoom** in the map settings.



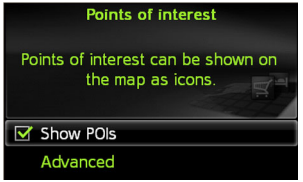
→ Switch Autozoom on ☑ or off ☐ with **Autozoom**.

After selecting **Advanced** you can specify how strong the Autozoom action is to be.

POIs on the map

You can select which POI symbols are to be displayed on the map.

→ Select **POIs on map** in the map settings.



→ Switch display of the POIs on ☑ or off ☐ with **Show POIs**.

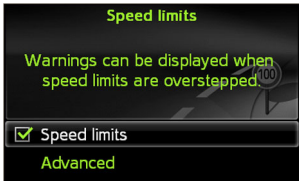
After selecting **Advanced** you can specify whether all POI symbols or only a set of POI symbols selected by you are to be displayed on the map.

Speed limits

You can select whether speed limits are displayed in parallel to the navigation.
You can also receive an audible warning about exceeding the speed limit.
→ Select **Speed limits** in the map settings.

⚠Danger!

Risk of accident.
The speed limit information in the map data may be incorrect as a result of short-term changes (road works, for example).
The traffic situation and the local road signs take precedence over the navigation system information.



→ Switch the speed limits on ☑ or off ☐ with **Speed limits**.
After selecting **Advanced** you can specify whether speed limits are only to be displayed if the limit is exceeded or always displayed. You can also set the minimum speed at which you would like to receive a warning if the limit is exceeded.

Driver alerts

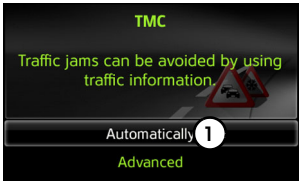
You can have signs displayed, e.g. for dangerous curves or steep gradients, provided if this information is stored in the map data.

→ Select **Driver alerts** in the map settings.
→ Switch the warnings on ☑ or off ☐ with **Driver alerts**.
After selecting **Advanced** you can specify which categories of warnings should be displayed.

TMC settings

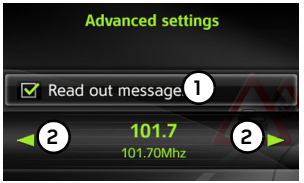
You can make settings for the reception and processing of TMC traffic announcements.

→ In the settings menu, select **TMC settings**.



→ With (1) select whether traffic announcements are to be taken into account **Automatically**, **Manually** or **TMC off**.

→ Select **Advanced** to make additional settings.



→ With (1) specify whether new TMC messages are to be read out automatically (on ☑ or off ☐).

→ With (2) tune to the desired TMC station.

System settings

You can change various basic settings for the Becker® TRAFFIC STAR NAVIGATION.

→ In the settings menu, select **System settings**.

The system settings are displayed.

Language

You can set the menu language and the language for the navigation announcements.

→ Select **Language** in the system settings.

→ Select the desired language.

Design variants

You can select between two different design variants for the display of the day skin.

→ Select **Design variants** in the system settings.

→ Select the desired variant.

Map update reminder

You can turn off the automatic reminder for a map update.

→ Select **Map update reminder** in the system settings.

→ Switch the automatic reminder on ☑ or off ☐.

Information

The following selection displays information regarding the Becker® TRAFFIC STAR NAVIGATION.

→ Select **Information** in the system settings.

The information display appears.

Always quote these details in enquiries to the service.

Map data versions displays information relating to the installed map data.

Factory reset

You can reset your Becker® TRAFFIC STAR NAVIGATION to the factory settings.

All settings apart from the language are reset to their factory settings. The last destinations and your home address are also deleted.

→ Select **Factory reset** in the system settings.

→ Select **Yes**.

The Becker® TRAFFIC STAR NAVIGATION is reset to the factory settings.

→ ZH
→ EN

GMT
(**G**reenwich **M**ean **T**ime)
Central European time
Standard time at degree of longitude 0 (the degree of longitude through Greenwich, Great Britain). This time is used all over the world as the standard time for synchronising data acquisition.

GPS
(**G**lobal **P**ositioning **S**ystem)
GPS uses satellites to calculate your current geographical position. It is based on a total of 24 satellites orbiting the Earth and emitting signals. A GPS receiver receives these signals and uses the signal time differences to calculate the distance to an individual satellite and thus the current geographical position (longitude and latitude). Signals from at least three satellites are required for positioning. The current height can also be calculated if signals are received from four or more satellites.

SD card
(**S**ecure **D**igital)
The SD card was developed in 2001 by SanDisk and is based on the older MMC standard. An SD card is a rewriteable removable memory card.

TMC
(**T**raffic **M**essage **C**hannel)
Traffic announcements transmitted by most FM stations via RDS. Basis for dynamic navigation.

USB
(**U**niversal **S**erial **B**us)
The Universal Serial Bus (USB) is a bus system for connecting a computer to external USB peripherals for exchanging data.
There are two different standards with various transmission speeds. USB 1.1 transfers at a speed of 12 Mbit/s and USB 2.0 transfers at 480 Mbit/s.
For a transfer of large amounts of data devices that use the USB 2.0 standard should be used.

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→ ZH
→ EN

China Restriction of certain Hazardous Substances (China RoHS)

Material declaration

	Marking styles for names and contents of toxic or hazardous substances or elements					
Name of the parts	**Lead (Pb)**	**Mercury (Hg)**	**Cadmium (Cd)**	**Hexavalent Chromium (CrVI)**	**Polybrominated biphenyls (PBB)**	**Polybrominated diphenyls ethers (PBDE)**
Housing	O	O	O	O	O	O
PCB Main	X	O	O	O	O	O

O: Indicates that this toxic or hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006
X: Indicates that this toxic or hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006

Pollution control label

→ ZH
→ EN

Dear customer,
In conformance with current EC guidelines, any person may operate this unit. This unit conforms to the current valid European or harmonised national standards. This designation is your guarantee that the unit conforms to the applicable specifications regarding electromagnetic compatibility. This means that interference with other electrical/electronic devices caused by the unit, or interference with this unit caused by other electrical/electronic devices is largely prevented.

CE

The EC type approval mark (E13) issued by the Luxembourg's vehicle licensing authority in accordance with European Directive ECE-R10 governing the EMC of motor vehicles in its current version authorises installation and operation of the unit in motor vehicles (classes L, M, N and O).

E13
10 R - 0310150

CE declaration of conformity

Harman/Becker Automotive Systems GmbH declares herewith that the Becker® TRAFFIC STAR NAVIGATION conforms to the basic requirements of applicable EC regulations and especially to the basic requirements and other relevant regulations of the R&TTE directive 1999/5/EC.

A detailed CE declaration of conformity for the product is available on our Internet site http://www.beckertrafficstar.com under “Downloads”.

Disposal

Customer information on the disposal of electrical and electronic devices (private households)

In accordance with the self-imposed principles of Harman/Becker Automotive Systems GmbH, its product was developed and made from high-quality, recyclable materials and components.

This symbol on the product and/or accompanying documents means that at the end of their life electrical and electronic products must be disposed of separately from domestic waste. Please take these products to communal collecting points or recycling centres for processing and salvage of materials. The units will be accepted there free of charge.

The proper disposal of this product helps protect the environment and prevents harmful effects on humans and the environment, which could result from improper handling.

More detailed information on the nearest collecting point or the nearest recycling centre can be obtained from your local council.

For commercial customers in the European Union

Please contact your dealer or supplier if you would like to dispose of this electrical/electronic equipment.

Information on disposal in countries outside of the European Union

This symbol is only valid within the European Union.

→ ZH
→ EN

Disposal of the battery

Duty to supply information according to battery legislation (BattV)

Batteries must not be disposed of in household waste. It is the duty of the user to return used batteries. Please only dispose of batteries via specialised dealers or at battery collection points. In this way, you make a positive contribution to environmental protection.
Since 1998, German battery legislation obligates all citizens to dispose of used batteries exclusively via retail outlets or at collection points specially equipped for this purpose (statutory obligation to return). It is the duty of retail outlets and manufacturers to take back these batteries free of charge and to correctly recycle them or to dispose of them as hazardous waste (statutory obligation to take back). If you wish to return your batteries to us, please send them, with adequate postage, to the following address:

Harman/Becker Automotive Systems GmbH
- Battery recycling -
Becker-Göring-Str. 16
D- 76307 Karlsbad- Ittersbach

The lithium ion battery in the Becker® TRAFFIC STAR NAVIGATION is marked with the adjacent symbol, consisting of a crossed-out waste bin, and the type of battery used.

Lithium ion

Removing the battery

Before you hand in your old unit for disposal, the battery must first be removed.

Note:
You should only remove the battery if your unit is obsolete and is to be handed in for disposal.

→ Completely discharge the battery.
→ Press the battery cover on the underside of the unit (1) lightly and push the battery cover in the direction of the arrow.
→ Lift the battery (2) by the tab (3).
→ Remove the battery (2).

Note:
Do not reconnect a unit that you have opened to the power supply.